

Boshears, Shubert, West, Whirry, Redmon, And Unthank Retire From Y-12 December 30

Three Y-12ers take regular retirements this month . . . and another three elect early retirements. Wheeler Boshears, Guard Department; Fern D. West, Graphite Shop; and Claude W. Whirry, Research Services, all retire December 30 on normal retirement. Electing to retire early are Perry H. Redmon, Stores Department; Arch H. Shubert, Utilities Administration; and Gorman L. Unthank, Dispatching Department.



Wheeler Boshears
6-12801



Perry M. Redmon
6-12802

The Guard Department's Wheeler Boshears was born in LaFollette, Tennessee and still lives in Campbell County. His home is at Route 1, Jacksboro. He farmed for his father in his early life and in 1921 went with the Goodrich Tire and Rubber Company, Akron, Ohio. In 1929 he returned to his Campbell County home to farm. He worked there until coming here September 14, 1945.

Married to the former Della Sexton, Boshears has a son, Leland, who lives in LaFollette, and two daughters, Eugenia Breman, LaFollette, and Sarah Stooksbury, Knoxville.

Redmon Native Son

Perry Redmon, Stores Department, is a native East Tennessean also. He was born in Wartburg, and still lives at Route 1. His early life was spent on the farm and in the sawmills around Morgan County.

Redmon is married to the former Winnie Newberry. They have five sons, Willie, Louis, Herbert and Glen, all of Wartburg and Thomas L., with the U.S. Navy. Their daughter, Shirley, is in Charleston, South Carolina . . . and the other girls, Rosella Schubert and Mary Ellen Laymance, live in Wartburg.

Redmon first came to Oak Ridge in early 1944 and worked with Stone and Webster as a materials handler. He came to Y-12 October 11, 1944.

West From Loudon

Fern D. West, Graphite Shop, is a native of Loudon County. His early youth was spent with the Detroit Edison Company, Detroit; and the Holston Manufacturing Company, Knoxville. He came to Y-12 May 12, 1944.

The West home is at 1101 Brown Avenue, Knoxville.

Mrs. West is the former Gladys L. Roach. They have a daughter Thelma Wolfe, Knoxville.

Claude Whirry, Research Services, came to Y-12 in 1953 . . . on July 15. He was born in New Hampton, Iowa and spent a colorful youth herding cattle in the blizzard country of Montana. From 1913 until 1923 he was with the 79 Cattle Company, Mild City. From 1923 until 1926 he was a cement worker in Great Falls. He went back to the farm in 1926 and in 1931 returned to public work, this time on construction work in Roseburg, Oregon. From 1945-1953 he was with the Grinnell Corporation, Charlotte, North Carolina, as a pipefitter.

Lives In Oak Ridge

Whirry is married to the former Mary V. Hold. They live at 225 South Manhattan Avenue, Oak Ridge.

He served in the U.S. Army from 1942 until 1945.

Arch H. Shubert, Utilities, is a native of Roane County, and now lives at Route 5, Lenoir City.

In 1917 he took employment with the Holston Manufacturing Company, Lenoir City, and in

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A JOINT DEVELOPMENT for rolling beryllium foil has brought Jerry Cadden and Dan H. Friar, Metallurgical Development, a patent application. Jack Yaggi, department superintendent, right presents Cadden his congratulatory letter. Friar, standing, receives his also.

Good Year Ahead Seen By Mason For Union Carbide

Business is still looking up for Union Carbide. In his year-end statement Birny Mason Jr., president, sees a good year ahead for the corporation. He stated that he expected to report, for 1965, the highest sales and earnings in the corporation's 48-year history. Expressing confidence in an even better showing for 1966, he stated that capital expansion for the corporation next year is projected at a record figure that will exceed \$300 million for the year.

Mason noted that Union Carbide's performance continues to be favorably affected by the corporation's improving operating efficiencies and a good demand for its products. In 1966, Union Carbide should gain additional sales and improved costs from the new facilities coming on-stream under an extensive capital expansion program.

As for the chemical industry, it was pointed out that it would also post new records in sales and pro-

duction for the year 1965 and that it should continue to grow at a faster rate than industry in general.

Engineers' Prep Course Set By UT Next Quarter

The University of Tennessee will offer ENGINEERING SCIENCE REVIEW in Knoxville, opening with the Winter Quarter. The purpose of this non-credit course is preparation for the State examination for Professional Engineers.

Classes will begin in the University Extension Monday, January 10, at 7 p.m., in Perkins Hall. Registration will take place at the first class meeting. Cost of the course will be prorated among the participants who register on the first class night. More information may be obtained by calling Knoxville 524-2981, extension 354.

Superintendent Hibbs Extends Greetings For The Holidays To All Y-12 Employees

It is again my pleasure to wish every Y-12er a happy holiday season. 1965 began with the early announcement of cut-backs in work schedules which necessitated the reduction of our personnel during the year. Revised schedules were the rule of the day during the early months of this year. Despite this handicap, Y-12 continued to do its best efforts in defense work and the peaceful developments of the atomic energy program.

Our safety efforts continue to be a source of pride in the plant. This is accomplished by a conscious effort on all our parts . . . it is not accidental. Y-12 is the envy of many industrial complexes when our safety record is brought up for review.

It is my personal wish that each of you has a happy Christmas and a most prosperous New Year.

R. F. Hibbs
Y-12 Plant Superintendent



Hibbs

Borrowing Can Be Better Than Dipping In Savings

Is borrowing more economical than dipping into savings for that extra Christmas shopping money? Yes, says Y-12's Credit Union. Borrowing against shares (which will collect dividends come December 31) may save you considerable money. Then your loan is protected with insurance, too, as added frosting.

Check with the Credit Union before you go into those savings shares. They may be able to save you some money.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
75 Days Or
2,066,000 Man-Hours
Through December 19
Without A Disabling
Injury
Phone 3-7755
(Unofficial Estimate)
For Daily Report
On Accident-Free Hours

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNGEditor



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Graduate School Sets Winter Curriculum

Term Opens Monday,
January 3

The Oak Ridge Resident Graduate Program of the University of Tennessee has released its Winter schedule. The schedule will run from January 3 through March 16. Registration is set for Monday, January 3, at 6 p.m. at the Oak Ridge Institute of Nuclear Studies Training Building on Laboratory Road. Faculty advisors will be present to advise and approve course selections.

Courses offered this quarter include:

BIOCHEMISTRY 412c—Cellular and Comparative Biochemistry. 7 p.m. Tuesday and Thursday.

CHEMICAL ENGINEERING 531—Chemical Engineering Thermodynamics. 7 p.m. Tuesday and Thursday.

CHEMISTRY 582—Radiochemistry. 5:30 p.m. Wednesday, 10 a.m. Saturday.

MATHEMATICS 416 — Linear Algebra and Geometry. 5:15 p.m. Monday and Wednesday.

MATHEMATICS 452 — Introduction to Analysis. 5:15 p.m. Tuesday and Thursday.

MATHEMATICS 471 — Vector Analysis. 5:15 p.m. Monday and Thursday.

MATHEMATICS 565—Numerical Methods. 5:30 p.m. Monday and Thursday.

METALLURGICAL ENGINEERING 585—Metallurgy of Deformation and Fracture. 5:15 p.m. Tuesday and Thursday.

PHYSICS 372—Introduction to Atomic and Nuclear Physics. 8 p.m. Monday and Thursday.

PHYSICS 422—Electricity and Magnetism. 5:30 p.m. Monday and Wednesday.

PHYSICS 471—Introduction to Radiation Physics. 7:30 p.m. Monday and Thursday.

PHYSICS 524—Electronic Properties of Solids. 5:15 p.m. Monday and Wednesday.

PHYSICS 542—Electromagnetic Theory. 7 p.m. Monday and Thursday.

PHYSICS 612 — Quantum Mechanics. 5:15 p.m. Tuesday and Thursday.

ZOOLOGY 302 — Concepts in General Zoology. 7 p.m. Wednesday, 6 p.m. Friday (Lab).

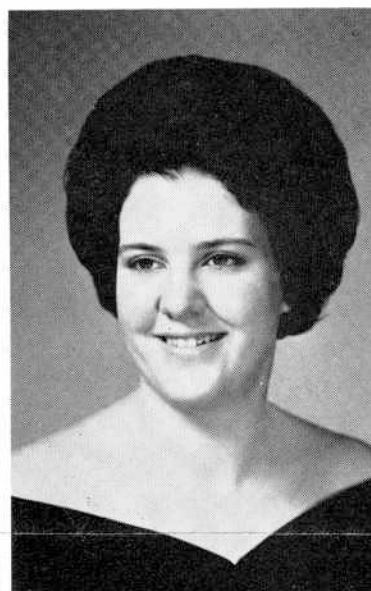
ZOOLOGY 612 — Seminar in Cellular Biology. 7 p.m. Monday.

Courses listed above are all approved under the Carbide Education Assistance Program. More information may be obtained on courses and schedules by telephoning the director's office, telephone extension 3-4129.

There are only two ways, I've been told, to handle women. But nobody seems to know either of them.



Mrs. Alfred Haynes Patterson



Mrs. Kenneth Duane Wise

WISE—LOVEDAY

Wedding vows were exchanged between Miss Betty Louise Loveday and Kenneth Duane Wise Saturday, December 4. The 6 p.m. wedding took place at the bride's home at Route 4, Sherwood Estates, Clinton. The bride's parents are Mr. and Mrs. Howard Loveday. (Her father is in Y-12's Dispatching Department.)

The groom is the son of Mr. and Mrs. Elbert Wise, Route 2, Clinton.

The Reverend John F. Burleson, pastor Edgemoor Baptist Church, officiated.

For her wedding, Mrs. Loveday wore a white knit suit. Her veil of lace was fashioned by her sister-in-law Mrs. Hershel Loveday.

She carried a white Bible covered with a bouquet of white orchids.

Miss Carolyn Loveday, sister of the bride, was maid of honor. She wore a pink suit and carried a long-stemmed red rose.

David Farmer served as the groom's best man.

Nuptial music was provided by Mrs. Geneva Rogers.

A reception honored the couple immediately following the ceremony. Miss Peggy Loveday, sister of the bride and Misses Barbara and Jeanne Hawkins assisted.

For her wedding trip to Gatlinburg, the bride wore her wedding suit with the center orchids from her bouquet as a corsage.

The bride will make her home with the parents while Mr. Wise is away for a six-month stint with the National Guard.

Parents of the world, unite. If you want your son to stand on his own two feet, just take the car away from him.

SURE FOOTING

Parents of the world, unite. If you want your son to stand on his own two feet, just take the car away from him.



PATTERSON—BOMAR

A 2 p.m. wedding Saturday, December 18, united Miss Barbara Lee Bomar and Mr. Alfred Haynes Patterson. The wedding took place at Saint Stephen's Episcopal Church, Oak Ridge, with Father Moultrie McIntosh officiating.

The bride is the daughter of Mr. and Mrs. James Daniel Bomar, 110 West Malta, Oak Ridge. He works in Y-12's Beta Two Forming. The groom is the son of Mrs. Alfred Haynes Patterson Senior, 104 West Farragut, Oak Ridge, and the late Mr. Patterson.

Given in marriage by her father, the bride wore a candlelight satin gown with Chantilly lace bodice and sleeves. Her shoulder train of Chantilly was bordered in satin. She carried a cascade of gardenias.

Miss Teresa Bomar, sister of the bride, was maid-of-honor. She wore a red velvet full length dress trimmed in white fur, and carried a colonial arrangement of white mums with white velvet streamers. Misses Mary Roberts and Barbara Starlin, Oak Ridge, were also escorts of honor. Miss Lisa Bomar, four-year-old cousin of the bride, Knoxville, was flower girl.

The groom was attended by Mr. Douglas Rohrman, Cincinnati, best man; Fred Thomas, Lenoir City; Larry Manning, Oak Ridge; and Mikkel Johnson, Blacksburg, Virginia, ushers.

A reception honored the couple Saturday immediately following the rites.

The bride is a 1962 graduate of Oak Ridge High School and attended Middle Tennessee State University and the University of Tennessee. The groom is also a 1962 graduate of Oak Ridge High School. He attended the University of Virginia and is a senior at the University of Tennessee.

The couple will reside at the Golf Range Apartments, X-14 Southland Avenue, Knoxville.



DON'T FORGET THOSE YOU FORGOT!

This applies to cost savings as well as Christmas cards.

In case you don't already know, unreported actions initiated as far back as **January, 1964** which resulted in continued savings can be green-sheeted for the current period AEC report due January 7.

We're mentioning this for the benefit of those who either have slowed down lately or have farsighted memories.

Here's the early green sheet count as of December 14:

Division	Goal	Re-ceived
Accounting	3	2
Assembly	22	0
Development	66	14
Engineering	151	19
Fabrication	87	3
Industrial Relations	16	0
Maintenance	200	170
Materials & Services	25	0
Metal Preparation	36	9
PSS & Utilities	16	5
Technical Services	55	17

Not bad for openers.



SCHOOLMATES FROM HALF-A-WORLD apart are Christine Ficcetti and Sandra Temple. Chris, an exchange student from Cannes, France, is spending her senior year at Fulton High School. The Temples have opened their home to her. Jud Temple, Sandra's father, is in Y-12's Safety Department.

French Student Makes Home With Temples In Knoxville

Since school opened early this Fall, the Jud Temples have had an interesting house guest . . . a 17-year-old French student, who is attending Fulton High School, Knoxville. (The Temples themselves have a daughter Sandra who is a junior at Fulton.)

Marie Christine Ficcetti, hailing from the southern coast of France . . . or to be more exact the resort city of Cannes . . . is making her home with the Temples at 3805 Kincaid Street, Knoxville. (Jud is in Y-12's Safety Department.) However, the charming teen-ager from France does not use her first name . . . she goes by the name Christine . . . or more accurately, of late, just simple "Chris." (It doesn't take long to Americanize them, does it?)

American music, food and language are new to Christine. She says she will try almost any type of American food . . . is particularly fond of French fries. "I never had any in France," she smiled. (Very few Frenchmen have had them there . . . since they are not French. And don't ask us how they got so named!)

Happy Birthday, Chris

Recently Sandra indoctrinated Chris into how an American girl spends her birthday. December 10 was Chris's birthday . . . so Sandra, with the help of 12 or 15 other girl friends, got Chris out of the house . . . to a ballgame, or some other pretext. After Mrs. Temple got the house all ready, and the guests 'hidden,' the two returned. The party-givers then rushed out with presents.

Sandra says her new friend was impressed also by Thanksgiving . . . a peculiarly American holiday. One of the Temple relatives visited here during that week. He also speaks French, and enjoyed explaining the origin of Thanksgiving to the visitor.

Visit To New Orleans

Christmas plans for the Temple family include a visit to both Jud



AUGUST IN PARIS was enjoyed by Chris on her long voyage to America to attend a year of school here. Here she poses before the world-famous landmark in Paris, the Eiffel Tower.

and Mrs. Temple's parents in Louisiana. "We plan to see that she gets to see New Orleans while in the vicinity," Jud grinned. "She can probably practice her perfect French down there, too."

Language presents little or no barriers for Chris. She studied six years of Latin and English and four years of Spanish, supplemented by two summers in England and two in Spain.

Christine comes from a family of four girls. Two of her sisters are older, one younger than she.

Cannes Resort Area

Cannes, the famous city in southern France, is probably best known as the locale of the famous International Film Festival each year. Its chief source of revenue is the tourist trade.

Chris's first impressions of America is that the girls here are more mature than in Europe . . .

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Metal Prep's Dance Crowded To Rafters

Second Annual Party Is Huge Success

A total of 285 turned out for Metal Prep's Second Annual Frolics, held Saturday, December 4. The early Christmas party began with a buffet supper at the Oak Terrace . . . 'delicious food' the report!

Fun prizes were awarded attendees also. Bill Whitson, Development, was given a pair of socks and a hunting cap. 'He's always talking about going bear hunting . . . now he can go as bear as possible.' Joe Tilson was given a 10-gallon hat for his cow-punching ability (he hit a herd of cows on Interstate 40 . . . which gained him the title of Y-12's chief cow-puncher!) Vern Gritzner was given a large beachball, so he could have a super-ball! Roy Williams was awarded a bottle of moonbeams. Ed Isham was given an apron, hand lotion, and various and sundry household aids to cure his house-maid's knee . . . and Joe Smyrl was presented a book on physical fitness . . . or "How to Grow Old Gracefully."

The prizes were dished out by Ken Valentine. Party-goers say that they'll get even with Ken next year!

The 19 ticket-sellers scattered throughout the plant really advertised their dance . . . as the accompanying photos will verify.

Typical scenes at left show prize winners, scattered tables throughout the Terrace, the food lines, and the jokesters at work.

(P. S. The photographer was in a hurry to leave and could not take pictures of the masses attending.)

Old Metal Prep hands are acclaiming this one the best ever . . . certainly the best-attended party in years.

Hats off to the ticket sellers, decorators, and planners in general. With the happy reports verified that everyone had a good time, Metal Prep rates as one of the best party-giving divisions in the plant.

As seen in the photos many other divisions were represented at the big soiree.

ORNL Girls Club Plans Big Dance

The Oak Ridge National Laboratory Girls' Club is sponsoring a big New Year's Eve Dance. It will be held next Friday, December 31 at the Oak Ridge National Guard Armory, on the Turnpike, across from the Garden Apartments.

Dancing begins at 9 p.m. and will continue through until 1 a.m. Music will be furnished by the Mystics.

Reservations may be made through Vicky Newport, extension 3-7151, or any member of the ORNL Girls' Club.

Tickets are \$4 per couple. Three big door prizes will be awarded some lucky attendees. There will be a hair dryer, a transistor radio and a portable mixer.

That's New Year's Eve at the National Guard Armory. Happy New Year, says the X-10 Girls' Club!

QUESTION OF INFLATION

If you complain that a dollar doesn't do as much for you as it once did, ask yourself if you do as much for a dollar as you once did.



French Student

Continued from Page 2

and much friendlier. She reports that they have shown her extreme courtesy and friendliness, which help in making her feel right at home.

She also reports drivers' licenses are not issued in France

until a youth is 18 . . . and boys and girls usually do not start 'going steady' until about that age. They attend separate schools for one reason . . . the boys in one, the girls in the other.

Chris is part of the American Field Service exchange program . . . where we send a student over there, and they send one over

here. A good way for youth to get better acquainted.

"I would like to be accepted as an American by the people I meet. I would like very much to become a part of this society during my one-year visit to the United States," she says.

Loose talk is very dangerous.

THE EARS OF GOD

A little one was saying his bedtime prayers. His mother leaned over and whispered: "I can't hear you, dear."

"Well, I wasn't talking to you," replied the youngster.

Leave knowledge of your job here in the plant.



PRESENTING THE BIG PLAYBOYS, panthers in the Classic Bowling League. Kneeling, from left, are E. P. Braden and Ken Valentine. Standing are Captain Dave Smith, Dick Brothers, Joe Smyrl and Ted Higgins.

Swingsters Edge Rippers From Classic League's First Half Crown By 1 Point

The Swingsters took the Classic Bowling League's first half by a mere point. They and the Rippers were right up there last week . . . and both shared two points with each other. The Swingsters and Rippers played each other in the deadly duel . . . and came out with a tie score, giving the pennant to the Swingsters.

Other matches saw the Wasps move up by a four-point win over

Goofers And Angels Cinch Mixed Crown

With tonight as final rollings in the season's first half, the Y-12 Mixed League belongs to the Goofers or the Blue Angels. At present standing, the Angels hold a slight lead on first place. (They still have a make-up match with the Twisters.) In last week's action the Angels took three from the Alley Cats, the Goofers wrestled three from the Better Halves, The Twisters took three from the Mustangs and the Chumps charged three at the expense of the Subs.

High woman bowler in singles was Jeri Kobisk, Alley Cats, with a 181, scratch; 234 handicap single. Georgia Rader, Goofers, posted a 444 scratch series; and Dixie Stinnett, Twisters, took a 584 handicap series. In singles Bill Stephens, Goofers, and George Cantrell, Mustangs, tied with scratch games of 200 each, and handicap games of 221 each. In series, it was Stephens with 548 scratch, 611 handicap totals.

The Goofers posted high in series, scratch scores of 1866, and handicap tallies of 2283. Their single scratch total of 666 was high also. The Blue Angels kept them from going all the way by taking single handicaps with 815.

League standings follow:

Team	W	L
Blue Angels	33	15
Goofers	32	20
Mustangs	27½	24½
Alley Cats	26	26
Chumps	24½	27½
Subs	22½	29½
Better Halves	21½	30½
Twisters	17	31

Security is our business. Watch it!

the Splinters. The only other sweep was registered by the Bumpers over the All Stars. Three points went to the Markers over the Splinters, and the Playboys over the Rebels. Other tie scores were registered in the Wolves-Tigers, Screwballs-Smelters, and Has Beens - Eightballs matches.

J. D. Davis, Wasps, had a hot night, taking all individual honors. His singles of 206 scratch, 241 handicap; series of 579 scratch, 684 handicap were high.

The Bumpers took high scratch counting with singles of 884 and series of 2563. The Has Beens and Wasps shared handicap honors . . . the Has Beens taking singles with 1021 and the Wasps winning series by 2976.

Final standings follow:

Team	W	L
Swingsters	38	22
Rippers	37	23
Wasps	36	24
Markers	33½	26½
Has Beens	32	28
Bumpers	32	28
All Stars	31	29
Wolves	30	30
Screwballs	29	31
Splinters	28	32
Eightballs	28	32
Playboys	28	32
Rebels	27	33
Cubs	25½	34½
Tigers	25	35
Smelters	20	40



"Do you have anything top secret?"

Has Beens Lose 1st Basketball Tilt

Two ORNL teams share top billing in the Basketball League, both sporting a three-win, no loss record.

In last week's action, the Fearless Five opened play downing the Isotopes, K-25, by a cool score of 63 to 33. Ray Cooper threw 18 through the basket for the Five, Jim McCall, 11, and Cloy Goetch, 12. Reid Gryder was top banana for the Isotopes with a total of 13. Terry Mothershed scored 10. It looks like the Fearless Five is the team to beat this year. They possess great all-around ability.

Game number two Monday saw Metals and Ceramics, the other ORNL top team down the Nats by the tune of 53 to 33. Jim Atherton tallied 16 for the winning combo; Roy Vandermeer, 11. Wayne Parsons scored 17 for the losing Nats. The Nats made a good showing, but were outclassed. Parsons made a one-man show against too many odds.

Y-12's Has Beens defeated the X-10 Bombers 62 to 41 in Monday's final action. The Has Beens have a smooth operating team, with great outside shooting by Bill Kirksey. Kirksey led all scorers, firing 20 for the winners. Jim George had 14, and Bob Cul-ton scored 10 . . . all for the winning team. Tom Kress and Butch Armistead scored 10 each for the losing Bombers.

Y-12's Has Beens lost a close one Wednesday night to the Fearless Five. The Five took the squeaker 42 to 40. Jerry Love and Harry Conner led scoring for the Y-12 combo, with 11 and 10 each. Larry Finch tallied with 16 of the Five's 42 points.

The X-10 Bombers unloosed the hatches on the Y-12 Losers in game number two Wednesday, 57 to 16. Arnold Beets scored 13 for the winning team . . . Gordon Edison scored 10 for the losing Losers.

In final action Wednesday, the K-25 Isotopes loped over the X-10 Fungi team 41 to 15. Terry Mothershed, as usual, was high scorer with 18 this time. Walter Porter scored seven big points for the losing Fungi.

League standings follow:

Team	W	L
Metals & Ceramics, ORNL	3	0
Fearless Five, ORNL	3	0
Has Beens, Y-12	2	1
Nats, ORNL	1	1
Losers, Y-12	1	1
Isotopes, K-25	1	2
Bombers, ORNL	1	2
Fungi, ORNL	0	3

FLUBS Grab Early Bush Alley Lead

The FLUBS opened the Bush Bowling League's second half big last week, blasting the Dry Hides for a full four-point count, the only sweep in league action. The Untouchables touched three at the expense of the Outcasts . . . the Beavers and Regents shared two.

Lonzie Patterson, Untouchables, touched the boards all the way. His 208 scratch, 242 handicap single was high . . . his series of 559 scratch, 661 handicap hit high also. The Regents blasted out an 842 scratch, 1024 handicap in singles. The Beavers racked a 2313 scratch series on the boards . . . and the FLUBS took a merry 2920 handicap series.

League standings follow:

Team	W	L
FLUBS	4	0
Untouchables	3	1
Beavers	2	2
Regents	2	2
Outcasts	1	3
Dry Hides	0	4

Courtesy in the parking lot is contagious.



THE C BOWLING LEAGUE sports two more fine teams . . . the Sunflowers (top) and the Invalids (bottom photo). The Sunflowers, from left, are Spence Ferguson, Bill Stephens, Captain Red Halsey, Hubert Tripp, E. V. Hawk and C. W. Craven. Within the Invalid confines are Micky Plummer, Leo Brown, Daye Phillippi, Hugh Beeson and B. C. Sims. Captain Troy Burklow is missing from the lineup.

Big Five Cinch At Least A Tie In C Bowling League First Half

The least the Big Five can do is gain a tie for top-standing in the C League's first half. Despite a three-point loss to the HiLifers, the Five team still is four points away from the Rounders. The Rounders also suffered a three-point loss to the Shud-A-Beens. Four-point wins went to the Invalids over the Strikers and the Sunflowers over the Rodders. The Rollmasters-Parbustlers, Fireballs-Badgers duels ended in ties, each team sharing two big points.

George Reece, HiLifers, hit his stride big, taking singles of 232 scratch, 262 handicap. R. P. Wallace, Sunflowers, railroaded in with high series of 602 scratch, 707 handicap!

The HiLifers gained top scratch firings with 896 singles, 1061 series. The Big Five scratched high in series with 2599 . . . and the 'Lifers returned to the boards with a 2973 handicap series.

League standings follow:

Team	W	L
Big Five	37	19
Rounders	33	23
Strikers	32	24
Rollmasters	32	24
HiLifers	29	27
Rodders	28	28
Fireballs	26	30
Parbustlers	25	31
Invalids	25	31
Badgers	24	32
Sunflowers	23	33
Shud-A-Beens	22	34

Wyatt In Table Tennis Lead Again

Loyd Wyatt grabbed top standings in the Table Tennis League last week by taking five games from Joe Lewin. Roy Huddleston defeated W. D. Jones, four games of five; Gene O'Hara downed F. Kertesz for the full count. Ed Gambill took three from G. W. Brewer, and W. D. Jones took as many from O'Hara. O'Hara de-

Maintenance Dance Attracts A Host

The Maintenance Division staged its big Christmas party on Friday, December 10. The affair, entitled "Holiday Magic in Motion," was held at the Oak Ridge Country Club.

Charlie Hale and his music-makers provided the rhythms for the dancing set. A total of 173 folks showed up, and from reports, some Maintenance people who had never before attended a Division function came along for the fun. A total of 15 handsome door prizes were awarded.

Food and merry-making in general occupied the full evening. Maintenance personnel are well pleased with their party for the year, and well they should be.

feated Kertesz for the full amount.

Player	W	L
Loyd Wyatt	30	5
Roy Huddleston	28	7
W. D. Jones, ORNL	25	10
Gene O'Hara	17	8
W. B. Motley	20	10
W. A. Maddux	21	14
Jim Carter, ORNL	13	12
Ed Gambill	16	24
G. W. Brewer	10	20
A. J. Norris	10	25
F. Kertesz, ORNL	5	30
J. Lewin, ORNL	0	30

The husband who says his wife can't take a joke sometimes forgets himself.



Holiday Magic In Motion

UNION CARBIDE CORPORATION NUCLEAR DIVISION

RETURN POSTAGE GUARANTEED

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Oak Ridge, Tennessee—37831BULK RATE
U. S. Postage
PAID
Oak Ridge, Tenn.
Permit No. 71

SANDRA IS THE CHARMING subject of this Carbide Camera Club entry for the December portrait competition. Placing second (only one point behind the first place winner) was James Summers Jr. In the January 10 (the second Tuesday of every month) meeting, the judging will be on landscapes. The Club is still working at the First Presbyterian Church's Education Building. Incidentally, Sandra is the daughter of Summers, who works in Y-12's Research Services. The color slide showed a green umbrella, a red dress for Sandra, and beautiful auburn hair. You should have seen it in color!



As the old year dies, many Y-12ers celebrate important dates with Union Carbide Corporation. The new 1966 also finds a few slipping in with important anniversaries. Congratulations.

20 YEARS

James K. Olmsted, Buildings Grounds and Maintenance Shops, December 26.

Willie S. Arnold, Electrical Department, December 29.

Clay H. Jarvis, Utilities Administration, January 1.

James W. Emch, Buildings, Grounds and Maintenance Shops, January 4.

15 YEARS

George R. Jasny, Superintendents Division, December 22.

Andrew S. Peterson, ORNL Chemical Services, December 27.

Joe J. Rupe, General Machine Shop, December 27.

Robert S. Chambers, Area Five Maintenance, December 27.

Paul E. Trent, Chemical Engineering Development, December 27.

James B. Bridges, Physical Testing Department, December 27.

John P. Smith, Electrical Engineering, December 27.

Charles E. Davis, Dimensional Inspection, December 28.

Jones M. Harris, Beta Two Forming, December 28.

Frank A. Stewart Jr., General Machine Shop, December 28.

Charles G. Treece, Electrical Department, December 30.

William K. Whitson Jr., Superintendents Division, January 2.

Koula Sideris, Superintendents Division, January 2.

John A. Packard, General Weld Shop, January 2.

Paul J. Johnson, Area Five Maintenance, January 2.

Charles F. Peterson, Assembly Operations, January 2.

Jesse E. Johnston, Research Services, January 2.

Joseph Pryson, Gage Certification Laboratory, January 2.

James H. Simms, Engineering Mechanics, January 2.

Ralph C. Kinnamon, Instrument Engineering, January 2.

Charles E. Dugger, Alpha Five Machine Shop, January 3.

Warner L. Taylor Jr., A-2 Shops, 9212, January 3.

Charles S. Scarbrough, Guard Department, January 4.

Howard Garrison, General Weld Shop, January 4.

Thomas A. Scarbrough, Research Services, January 4.

10 YEARS

Robert S. Hayes, Alpha Five Machine Shop, December 28.

December Retirees

Continued from Page 1

1923 transferred to Knoxville. In 1926 he returned to Lenoir City with the Charles H. Bacon Company . . . and worked with them until 1943. He worked with the Tennessee Valley Authority briefly before coming here December 23, 1943 . . . 22 years ago tomorrow!

Shubert is married to the former Ella M. Farmer. They have two sons, Roy L., Lenoir City; and Jackie E., Powell.

Gorman L. Unthank was born in Wallins Creek, Kentucky. He has elected early retirement from Dispatching the end of this month. Unthank came to Y-12 August 12, 1944 after a varied career in Kentucky and Ohio in the mines



CONGRATULATIONS TO MASTER SERGEANT Billy G. Pickard, who was recently awarded the U.S. Air Force's Commendation Medal, for meritorious service rendered from March 1, 1963 until February 5, 1965. Sgt. Pickard is the son of E. L. Pickard, Research Services.

Pickard Son Is Awarded U. S. Air Force Commendation Medal

The E. L. Pickard family, 5632 Davida Street, Knoxville, recently received the pleasant news that their son had received the Air Force's Commendation Medal. Pickard is in Y-12's Research Services.

The citation, accompanying the award, read: "Master Sergeant Billy G. Pickard, AF 16458892, distinguished himself by meritorious service while assigned as Test Team Chief and NCOIC, Mission Tasking, 6950th Security Wing, United States Air Force Security Service, from 1 March 1963 to 5 February 1965. During this period, Sergeant Pickard's operational experience, leadership, and conscientious attention to duty were instrumental factors in the success achieved by a unique and highly technical project designed to meet certain criti-

cal and sensitive mission requirements. His outstanding performance and sincere devotion to duty have reflected most favorably upon himself, the United States Air Force Security Service, and the United States Air Force."

Sgt. Pickard, a veteran of more than 11 and one-half years service in the Air Force, is now stationed at Kelley Field, San Antonio, Texas. He and his wife have one child.

Two other sons grace the Pickard family . . . Ernest or "Oakie" as everyone knows him is attending the University of North Carolina, Chapel Hill; and Larry, 14, who attends the Sterchi School, Knoxville.

Sgt. Pickard graduated from Oak Ridge High School before entering the Air Force.

Social Security Tax Is Going Up

Ah, friends, brace yourselves . . . your Social Security tax is going to be bigger next year!

Recent amendments to the Social Security law will require an increased deduction from your pay in 1966. The Company is required to make deductions at the rate of 4.2 percent on the first \$6,600 of your annual pay in 1966 instead of the 1965 rate of 3.625 percent on the first \$4,800. Union Carbide will match your payments for Social Security taxes dollar for dollar.

This change is effective with the first pay check you will receive in 1966, although some of the pay may be for work performed in 1965.

The following schedule shows the taxes you will be paying.

Annual Pay	Deduction
\$4,000	\$168.00
4,400	184.80
4,800	201.60
5,200	218.40
5,600	235.20
6,000	252.00
6,400	268.80
6,600 and over	277.20

Sorry, mates, but that's the way the old cookie crumbles!

and working in a store. He attended Cumberland College in the early twenties.

Unthank is married to the former Ruby Carter, and lives at 102 Lullaby Lane, Route 17, Knoxville. They have one son, David, in Oak Ridge.

Badge Exchange Begins Wednesday

Ring out the old . . . Ring in the new . . . cries the Security Department. With the new year come new identification badges . . . (Not new ones, actually, just old ones with new 'insides' and a new color on the bottom.) The solid blue badges will go up at the Portals sometime next Wednesday, December 29.

They will be arranged at the portals in numerical order. At the self-service racks employees are expected to swap their present badges for the new ones.

The new badges will stay at the portals until 11 p.m., Wednesday, January 12, 1966 (we may as well get used to using it now!). Personnel not picking theirs up by then will have to report to Badge and Pass, Building 9704-2, for the quarterly exchange.

Badges are traded for monitoring every quarter. They act as monitoring sentinels in case of radiation exposure.



Riders wanted from Claxton Community to any portal straight day. O. T. Smith, plant phone 3-5072, home phone Claxton 945-2488.

Recreation



Friday, December 24

CHRISTMAS EVE—Holiday for Y-12ers, in lieu of Christmas, which falls on Saturday.

Monday, December 27

BOWLING: C League, 5:45 p.m. Bush League, 8 p.m. Ark Lanes.

TABLE TENNIS: 7 p.m., Wild Cats Den, Oak Ridge.

Friday, December 31

NEW YEAR'S EVE—Holiday for Y-12ers, in lieu of New Year's Day, which falls on Saturday.

Monday, January 3

BOWLING: C League, 5:45 p.m. Bush League, 8 p.m. Ark Lanes.

TABLE TENNIS: 7 p.m., Wild Cats Den, Oak Ridge.

BASKETBALL: Beginning 6:30 p.m., Oak Ridge High School Gymnasium. Fearless Five vs. Losers; Isotopes vs. Metals & Ceramics; and Nats vs. Has Beens.

Tuesday, January 4

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, January 5

BOWLING: Y-12 Mixed League, 8 p.m. Ark Lanes.

BASKETBALL: Beginning 6:30 p.m. Jefferson Junior High School Gymnasium. Bombers vs. Fearless Five; Losers vs. Nats; Metals & Ceramics vs. The Fungi.

Thursday, January 6

BOWLING: Classic League, 5:45 p.m. Ark Lanes.

VOLLEBALL: Beginning 6:30 p.m., Oak Ridge High School. Court One: Mix-Ups vs. Beavers;

Beavers, Naughts Volleyball Leads

The Y-12 Beavers and X-10 Naughts share the spotlight in the Volleyball League, each with seven wins and one loss. The Beavers took four from the Old Men last week, 15-3, 15-3, 15-8, 15-8. The Naughts took four games via forfeit from the Y-12 Yanks.

Other matches saw the X-10 Neutrinos win four from the Y-12 Eagles, 15-9, 15-10, 15-2 and 15-12. The Reactors, Y-12, won three from the Bat Boys, also from Y-12, 15-10, 15-9, 15-10 . . . and the Boys won one, 17-15. The X-10 Set-Ups down the K-25 Instrument team 15-8, 15-11, 15-7, and 15-13. The Ecobums, X-10, took the K-25 Mix-Ups, 15-3, 15-1, 15-7, 15-3. (The Ecobums and Old Men still have a make-up game left.)

League standings follow:

Team	W	L
Beavers, Y-12	7	1
Naughts, X-10	7	1
Neutrinos, X-10	6	2
Reactors, Y-12	5	3
Set-Ups, X-10	5	3
Ecobums, X-10	4	3
Eagles, Y-12	4	4
Old Men, X-10	3	4
K-25 Instruments	2	6
Mix-Ups, K-25	2	6
Bat Boys, Y-12	2	6
Yanks, Y-12	0	8

STANDING CHORUS

Tradition is that audiences always stand for the "Hallelujah Chorus" from Handel's great oratorio, "The Messiah." Closeted up when he composed the rousing anthem, Handel told his wife he saw God during its composition.

K-25 Instruments vs. Old Men; Eagles vs. Set-Ups. Court Two: Bat Boys vs. Ecobums; Naughts vs. Reactors; Yanks vs. Neutrinos.